

The 40th Annual Meeting Opening Ceremony

On Monday, May 5, 1969, at 8:30 a.m. approximately 1200 members and guests gathered in the beautiful Imperial Ballroom of the San Francisco Hilton Hotel, San Francisco, California, to participate in a most colorful Opening Ceremony. Brigadier General John M. Talbot, USAF, MC, called the meeting to order and the **Louis H. Bauer Lecture** was given by Professor Courtland D. Perkins of Princeton University.



Brigadier General John M. Talbot, USAF, MC, President of the Aerospace Medical Association is shown giving the Welcoming Address.



Approximately 1200 members and guests assembled to hear the Louis H. Bauer Lecture.



Professor Courtland D. Perkins, Chairman, Department of Aerospace and Mechanical Sciences, James Forrestal Campus, Princeton University presents the 15th Annual Louis H. Bauer Lecture.



The Reverend William L. Travers, Colonel, U. S. Air Force, Chaplain, 21st Air Force, Travis AFB, California, gives the Invocation.



Wing Commander David I. Fryer, OBE, MD, RAF, Chairman, Scientific Program Committee, reports on the Scientific Sessions.

The 6th United States Army Band, San Francisco, California, under the direction of Reginald A. Franklin, CW4, Commanding Officer, played appropriate music.



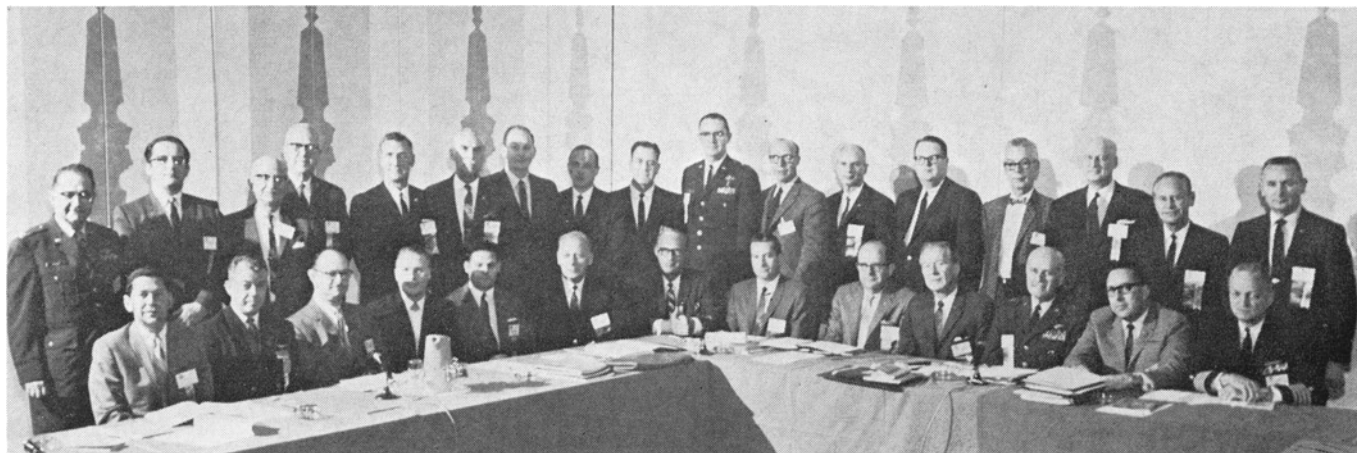
Dr. Berry's Panel Reports on Apollo Manned Space Flights



A film and oral presentation was chaired by Doctor Charles A. Berry, Director of Medical Research and Operations at the National Aeronautics and Space Administration's Manned Spacecraft Center, Houston, Texas, on Thursday, May 8, in the Continental Ballroom of the San Francisco Hilton Hotel. The panel (left to right): Dr. John A.

Rummel—Exercise Capacity; Col. Robert L. Johnson, USAF, MC—Lower Body Negative Pressure; Dr. Clarence A. Jernigan—Clinical Findings; Dr. Craig L. Fischer—Immuno-Hematology; Dr. Charles A. Berry; Dr. Pauline Mack—Bone Densitometry; Dr. Charles M. Barnes—Radiobiology; and Dr. James L. McQueen—Virology-Mycology.

Combined Executive Council Meets in San Francisco



(Front Row L to R): Billy E. Welch, Ph.D., San Antonio, Texas, Roger G. Ireland, CAPT, MC, USN, Washington, D. C., Sidney I. Brody, CAPT, MC, USN, Quonset Point, Rhode Island, George B. McNeely, M.D., Bloomington, Illinois, Antonio Castelo-Branco e Sousa, M.D., Lisbon, Portugal, Edley H. Anderson, M.D., Sydney, Australia, J. Harold Brown, M.D., Seattle, Washington, Donald H. Stuhling, M.D., Seattle, Washington, Charles I. Barron, M.D., Burbank, California, Merrill H. Goodwin, M.D., Washington, D. C., John M. Talbot, Brig. Gen., USAF, MC, Washington, D. C., Charles A. Berry, M.D., Dickinson, Texas, Ralph L. Christy, M.D., Washington, D.C.. (Back Row L to R): John P. Stapp, Col., USAF, MC, Washington, D. C., Heinz R. Schreiner, Ph.D., Towanda, New York, Arthur E. Miller, Buffalo, New York, John P.

Marbarger, Ph.D., Elmhurst, Illinois, Frank B. Voris, RADM, MC, USN, Washington, D. C., Theodore C. Bedwell, Maj. Gen., USAF, MC, Washington, D. C., Frank H. Austin, Jr., CAPT, MC, USN, Norfolk, Virginia, Roland H. Shamburek, COL, MC, USA, Washington, D. C., Robert D. Workman, CAPT, MC, USN, Washington, D.C., Robert A. Patterson, Brig. Gen., USAF, MC, Washington, D. C., Christian J. Lambertsen, M.D., Philadelphia, Pennsylvania, Joseph P. Pollard, CAPT, MC, USN, Washington, D. C., William Gillespie, M.D., Clayton, Missouri, Harry D. Vickers, M.D., Little Falls, New York, Donald B. M. Nelson, M/Gen, CAF, Ontario, Canada, James B. Nuttall, Col., USAF, MC, Offutt AFB, Nebraska, and Peter V. Siegel, M.D., Washington, D. C.

The Executive Council of the Aerospace Medical Association, which meets twice each year, always holds its most important business session during the time of the Annual Scientific Meeting. A second (special) meeting of the Council is called immediately after the election of New Officers at the Association's business meeting where both the old and new Council combine to launch activities for the coming year. During this meeting, new committees are finalized and embryo plans are made for the upcoming Scientific Meeting.

The installation of **Charles A. Berry, M.D.**, Director of Medical Research and Operations at the National Aeronautics and Space Administration's Manned Spacecraft Center, Houston, Texas, as the 39th President of the Aerospace Medical Association was reported in the May issue of *AEROSPACE MEDICINE*.

Captain Ralph L. Christy, MC, USN, Special Assistant for Medical Department Special Projects, Professional Division, Navy Department, Washington, D. C., was elected to the position of President-Elect.

Major General Donald G. M. Nelson, Surgeon General, CAF, Ottawa, Canada, was elected First Vice President.

The four Vice-Presidents of the Association elected for one-year terms are: Brigadier General **Heinz S. Fuchs, GAF, MC**, Bad Godesberg, Germany; Commander

Mary Grimes, NC, USN, (Ret.) New York, New York; **Captain Robert D. Workman, MC, USN**, Washington, D. C., and **Colonel Roland Shamburek, MC, USA**, Washington, D. C.

Doctor Merrill H. Goodwin was re-elected Secretary-Treasurer of the Aerospace Medical Association.

New members of the Executive Council, elected for three-year terms, are: **Captain**

Roger G. Ireland, MC, USN, Washington, D. C.; **Doctor Billy E. Welch**, San Antonio, Texas, and **Doctor William Gillespie**, Clayton, Missouri.

Also serving as one-year members of the Executive Council are the newly elected Presidents of the Constituent Associations. A special page in this issue gives the names of all new officers and a full roster of the current members of the Executive Council.

Largest Meeting as 3,342 Register



Although more than 1,100 members had registered in advance, this was the scene on Opening Day of the 40th Annual Meeting. The total registration for this meeting was 3,342 members and guests.



General Harry G. Armstrong introduces Doctor Wright H. Langham.

Doctor Wright H. Langham, Group Leader, Biomedical Research, University of California, Los Alamos Scientific Laboratory, Los Alamos, New Mexico, accepted the Executive Committee's invitation to present the fourth Annual Harry G. Armstrong Lecture at the 40th Annual Scientific Meeting, May 5-8, 1969, at the San Francisco Hilton Hotel, San Francisco, California.

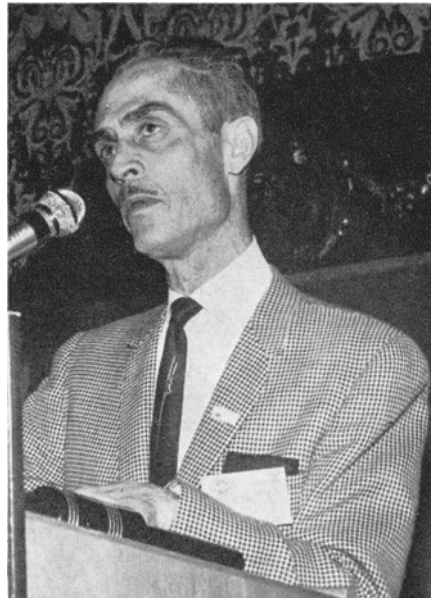
A special committee, appointed by the Executive Committee, chooses the subject area for these lectures and invites a well-known authority in this particular field to give the lecture.

The Harry G. Armstrong lecture is sponsored by the Association and supported by Smith Kline & French Laboratories.

Each year the lecturer is chosen from among physicians and scientists who are outstanding in a particular specialty field related to areas of aerospace medical disciplines.

The topic of Doctor Langham's lecture was "Radiobiological Factors in Manned Space Flight." The Armstrong Lecture was given on 7 May 1969, at 2:00 p.m. Doctor Langham has been associated with the atomic energy developmental program for nearly 25 years. The first two years were spent at the Metallurgical Laboratory of the University of Chicago and at Los Alamos developing micromethods for the analysis of trace impurities in plutonium.

Established in 1965, the First Armstrong Lecture was presented in 1966 by Dr. Earl H. Wood, a member of the Mayo Staff, in 1967 by Dr. Bernard Glueck, Director of Research of the Institute of Living, Hartford, Connecticut and in 1968 by G. Melvill Jones, M.D., Director, Aviation Medical Research Unit, McGill University, Montreal, Canada. It was named for General Harry G. Armstrong, a former president of this Association, and an internationally recognized authority on aviation and space medicine.



Doctor Wright H. Langham gives Armstrong Lecture.



The honorarium was presented to Doctor Wright by Mr. J. Somers Smith, Vice President of Marketing, Smith Kline and French Laboratories, as General Talbot looks on.



Brigadier General John M. Talbot (President) presents Past President Plaque to General Armstrong at the lecture.



Left to Right: Gen. Harry G. Armstrong, Dr. Wright H. Langham, Brig. Gen. John M. Talbot, and Mr. J. Somers Smith.

AILSA Annual Luncheon and Business Meeting

The Annual Luncheon Meeting of the Aerospace Industrial Life Sciences Association was held on Monday, May 5, 1969, during the Annual Meeting of the Aerospace Medical Association in San Francisco, California. During the business meeting, the report of the Nominating Committee was presented.

Officers Named

President—Dr. Heinz R. Schreiner

President-Elect—Mr. Lester Carlyle

Vice-President—Mr. Bruce W. Pince

Secretary-Treasurer—Mr. Ben L. Ettelson

The new president introduced the Committee Chairmen who will be part of the Executive Council as follows:

Technical Information: Mr. W. Vincent Blockley

Policy and Resolutions—Past President Arthur E. Miller

Membership—Dr. Paul Tobias

Publicity and Awards—Mr. Jack Dubin

The annual AILSA Award for Outstanding Achievement in the fields of Aerospace Industrial Life Sciences was presented to Mr. Paul Webb.

Following the business session, Dr. Charles I. Barron, Medical Director, Lockheed-California Company, presented an interesting, informative and entertaining talk on "The Impact of Aviation Medicine and Biotechnology in the Aerospace Manufacturing Industry . . . A Flight Surgeon's Evaluation."

The Aerospace Industrial Life Sciences Association was founded in 1962 as a constituent society of the Aerospace Medical Association. It is a group of industrial engineers and scientists actively engaged in research and in the pursuit of technological advancements in the life sciences field.

Dr. Paul Webb, noted for his physiological and medical research into problems of aerospace and undersea medicine, was honored by the members of the Aero-



GUEST SPEAKER: Dr. Charles I. Barron, Medical Director, Lockheed-California Company.



AILSA AWARD: Mr. Arthur E. Miller (left) presents award for Professional Excellence in Industrial Life Sciences to Dr. Paul Webb.

space Industrial Life Sciences Association (AILSA) gathered in San Francisco for their annual meeting. In presenting to him the Association's Award for Professional Excellence in Industrial Life Sciences, Mr. Arthur E. Miller, a Vice President of the Scott Aviation Corporation, Division of "Automatic" Sprinkler Corporation of America, and President of the AILSA,



NEW PRESIDENT: Dr. Heinz R. Schreiner has just been introduced by former President, Mr. Arthur E. Miller (right).

cited Dr. Webb for his accomplishments as "physiologist, physician, and communicator for the life sciences, originator of the portable life support system for astronauts, pioneer in the development of garments protecting personnel against heat, inventor of automatic techniques for the continuous measurement of the metabolic cost of physical work, innovator of space suit design, and renowned researcher in the fields of thermal regulation, weightlessness, physiological reconditioning after periods of weightlessness, and underwater physiology."

Dr. Webb, who resides at Yellow Springs, Ohio, is the Principal Associate of Webb Associates of Yellow Springs, Colorado, a Research and Development organization highly regarded by the aerospace industrial community for its contributions to the development of man-in-space technology. Dr. Webb was graduated from the University of Virginia (B.A., 1943) and received his M.D. degree from the same institution in 1946. After service with the U.S. Army Medical Corps, he took postgraduate training leading to an M.S. degree from the University of Washington in 1952. That same year he joined the faculty of the University of Oklahoma as an assistant professor of physiology. He left his academic position in 1954 to become a research physiologist and medical officer with the Aeromedical Laboratories of the U.S. Air Force, rising to chief of the environmental section in 1957. In 1958 he organized Webb Associates. In addition to directing the activities of this group, Dr. Webb serves as Assistant Clinical Professor with the De-

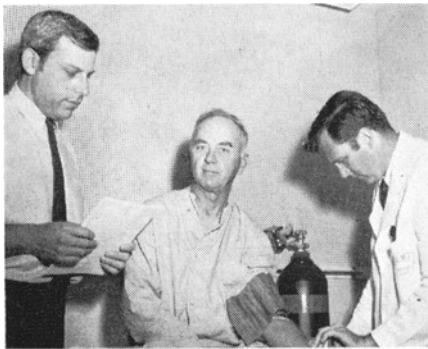


HEAD TABLE: (Left to Right) Mr. Bruce W. Pince, Dr. Charles H. Steinmetz, Dr. Heinz R. Schreiner, Dr. Charles I. Barron, Mr. Arthur

E. Miller, Dr. Merrill H. Goodwin, Dr. Robert D. Gafford, and Mr. Lester Carlyle.

partment of Preventive Medicine at the Ohio State University where his fields of specialization are environmental physiology and Aerospace Medicine. He is a member of the American Physiological Society, New York Academy of Sciences, American Association for the Advancement of Science, Ergonomics Research Society, Human Factors Society, Aerospace Medical Association, Undersea Medical Society, and Marine Technology Society, serving as Secretary of the Committee on Man's Underwater Activities. He is a charter member of the Aerospace Industrial Life Sciences Association.

Aging Study



Having his blood pressure taken May 20, 1969, in his fifth contribution to the Naval Aerospace Medical Institute's "Thousand Aviator Study," is retired Navy Captain Robert Slye (center) of Navarre, Florida. He is one of 1,056 aviators examined in Pensacola in 1940 by Dr. Ashton Graybiel, and the first of 786 survivors scheduled to return this year for the fifth evaluation. The investigation was started as a heart research project but is now a study of the aging processes. The men's ages averaged 24 in 1940. Doctors will study old examinations and look for early indicators of current ailments. Dr. William Harlan, Richmond, Virginia, (right) and Dr. Albert Oberman (left), Birmingham, Alabama, previously associated with Dr. Graybiel, continue to participate in the oldest longitudinal study.

Coming in August

- Underseas Medical Society
- Space Medicine Branch
- Award Recipients
- New Fellows
- Wives' Wing
- Honors Night
- Picture Surprises

Drs. Anderson and Hannisdahl Honored at Airline Medical Directors Luncheon



Dr. Edley H. Anderson, retiring President of the Airlines Medical Directors Association (holding notes) discusses the program for the annual meeting in San Francisco with Dr. George Catlett, President-Elect, and speakers Dr. John E. Smith (l) and Dr. Richard H. Morrison (r).

AMDA Officers Named

President—G. F. Catlett, M.D.

President-Elect—K. Vaandrager, M.D.

Secretary—F. R. Schwartz, M.D.

Treasurer—D. A. Vermeire, M.D.

Vice-Presidents—A. Castelo-Branco, M.D., J. K. Cullen, M.D., E. M. L. LaFontaine, M.D.

Executive Council—A. Allard, M.D., C. I. Barron, M.D., C. G. Gullett, M.D., G. J. Kidera, M.D., L. G. Lederer, M.D.

Highlighting the annual luncheon of the Airlines Medical Directors Association at the San Francisco Hilton on May 3 was the presentation of The Association's Annual Award for Outstanding Contribution to Commercial Aviation Medicine. Recipients of the Award for 1969 were Drs. Edley H. Anderson of Sydney, Australia, who has served as President of the Association for the past year; and Dr. Birger Hannisdahl of Oslo, Norway, Medical Director of Scandinavian Air Lines. Dr. Anderson's retirement as Medical Director of Qantas Airlines has recently been announced. Both men have dedicated a lifetime of service to commercial aviation medicine and each enjoys a distinguished position in his nation's medical profession. The success of their efforts to improve the standards of medical care for airline pilots has received international recognition. The Award citations were read by Dr. George Kidera, Chairman of the Awards Committee who presented each recipient with an engraved plaque which was emblematic of the honor.

The luncheon followed the morning Scientific Program of the Association which was devoted entirely to clinical problems and included topics of special interest to physicians concerned with the health of commercial airline personnel. Several outstanding speakers participated in the program, including Dr. Archer S. Gordon, Chairman of the Committee on Cardio-Pulmonary Resuscitation of the American Heart Association. Dr. Gordon has been a pioneer in developing emergency resuscitation procedures for victims of cardiac arrest. He presented the recommendations of his committee for standards of training among lay personnel who may be called upon to attempt emergency resuscitation in situations where medical supervision may not be available. Dr. Richard H. Morrison, Medical Director of the North American Rockwell Company, presented an interesting summary of his experience with coronary prevention among executive personnel through a regular, supervised exercise program. The latter talk was complemented by the data of Dr. John E. Smith, Cardio-Vascular Medical Services Director for United Air Lines in Washington, D. C., who demonstrated with serial electrocardiograms the moderating effect of exercise on his patients with coronary artery disease.

The Annual Business Meeting of the Association was held in the afternoon, at which time the new officers were elected and Dr. Catlett was installed as President. In the evening a reception was held for Association members and their ladies to honor the Award Recipients.

1969 Meeting of the Society of USAF Flight Surgeons

Officers Named

President—Brig. Gen. Robert A. Patterson, USAF, MC

Vice-President-President-Elect—Col. Howard R. Unger, USAF, MC

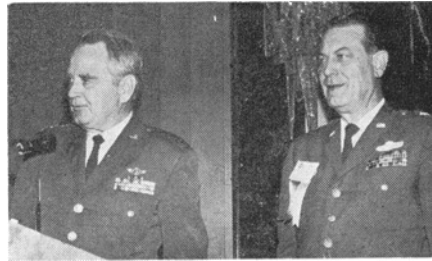
Secretary—Col. George R. Anderson, USAF, MC

Treasurer—Lt. Col. Richard D. Hansen, USAF, MC

Newly elected to the Board of Governors—Lt. Col. Jefferson C. Davis, Col. Geoffrey P. Wiedeman, and Col. Nicholas H. Nauert, Jr.

The Society of USAF Flight Surgeons, a constituent association of the Aerospace Medical Association, held its annual luncheon meeting at the San Francisco Hilton, 8 May 1969. General Harold F. Funsch opened the meeting of approximately 250 members with a short summary of the Society's activities during the year. In the business portion of the meeting the membership approved the establishment of an annual \$500 endowment to stimulate interest both in aerospace medicine and in the USAF Medical Service among young men during their formative years of medical training. The award will be given to an individual in his first two years of medical school who has demonstrated an interest in, or devoted efforts toward, aerospace medical problems or other aspects of this specialty field. Details of the award are being sent to the deans of all accredited U.S. medical schools.

Lieutenant General Kenneth E. Pletcher, Surgeon General, USAF, presented certificates to the Major Commands' Flight Surgeons of the Year. Each of these physicians, in the opinion of his respective command, had made the greatest contribution to the effectiveness of a flying organization during the preceding year. General Pletcher



Brigadier General Harold F. Funsch (right) introduces Lieutenant General Kenneth E. Pletcher, Surgeon General, USAF, who presented certificates to the Flight Surgeons of the Year.

then announced that the Pacific Air Force's Flight Surgeon of the Year, Major Raymond E. P. Zimmerman, was the winner of the Malcolm C. Grow Award for the Flight Surgeon of the Year. Following the presentation of awards a panel of experts answered questions on operational aerospace medicine previously submitted by the membership. The panel of experts consisted of General Pletcher, Major General Thomas H. Crouch, Colonel Timothy N. Caris, Colonel Gerrit L. Hekhuis, and Colonel Samuel O. Smelsey.

Brigadier General Robert A. Patterson, the incoming president, presented Brigadier General Funsch with an engraved gavel as a memento of his most productive term of office. Then, after a few words about his plans for the Society in the coming year, he adjourned the meeting.

Command Flight Surgeon Awards

Maj. Raymond E. P. Zimmerman—Pacific Air Command
377th USAF Dispensary
APO San Francisco, California

Capt. Frederick M. Brown—Strategic Air Command
825th Medical Group
Little Rock AFB, Jacksonville, Arkansas
Capt. Michael J. Rosenthal—Air Force Logistics Command

2791st USAF Hospital
Hill AFB, Utah
Capt. Fred C. Bordelon—Aerospace Defense Command

4758th DSES
Holloman AFB, New Mexico
Capt. Jimmy D. Schmidt—Alaskan Air Command

5073 USAF Dispensary
APO Seattle, Washington
Maj. Wayne A. Johnson—Tactical Air Command

9 AF Surgeon's Office
Shaw AFB, South Carolina
Capt. James E. Olson—Air Force Systems Command

6580th USAF Hospital
Holloman AFB, New Mexico
Capt. Rex A. Amonette—Air Training Command

3500 USAF Hospital
Reese AFB, Texas
Capt. William G. Fitzhugh—Military Airlift Command

1611 USAF Dispensary
McGuire AFB, New Jersey
Capt. Jerry C. Marcontell, Air Force Reserve
446 Tactical Airlift Wing
Ellington AFB, Texas



(Left to Right): Sir George R. Gunn, Air Marshall, RAF; Col. Gerrit L. Hekhuis, USAF, MC; Col. Timothy N. Caris, USAF, MC; Brig. Gen. John M. Talbot, USAF, MC; Brig. Gen. Robert A. Patterson, USAF, MC; Lt. Gen. Kenneth E. Pletcher, USAF, MC, Surgeon Gen-

eral; Brig. Gen. Harold F. Funsch, USAF, MC; Maj. Gen. Rollin B. Moore, Jr., USAF, MC; Brig. Gen. Thomas H. Crouch, USAF, MC; Col. Samuel O. Smelsey, USAF, NC; and Lt. Col. Richard D. Hansen, USAF, MC.

AF Nurses to Participate in International Council of Nurses

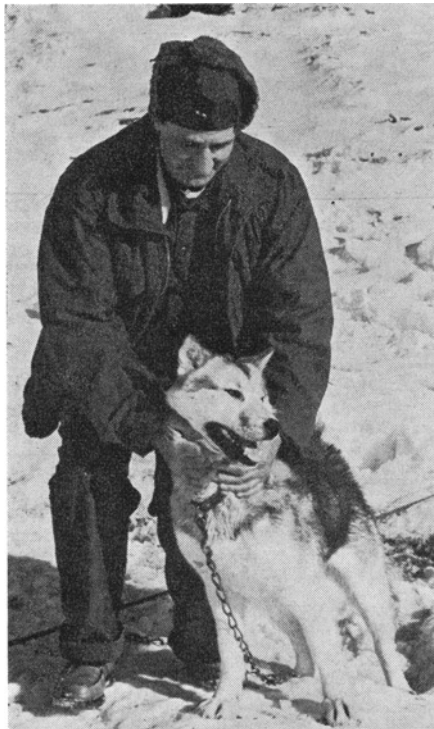
Three Air Force nurses participated in the International Council of Nurses (ICN), 14th Quadrennial Congress, held in Montreal, Canada, 22-27 June 1969.

Colonel Florence I. Deegan, Command Nurse, Military Airlift Command, Scott AFB, Illinois, presented a paper on "Evacuation of Patients and the C-9 Aircraft."

Major Dorothy R. Novotny, Supervisor of the Aerospace Nursing Course, Patrick AFB, Florida, presented a paper on "Aerospace Nursing."

Lt. Colonel Ellen M. Stout, Deputy Chief, Air Force Nurse Corps, was a panel moderator.

The ICN is a federation of national nurses' associations which seeks to attain high standards of nursing service and nursing education, to develop nursing as a profession and to safeguard the social and economic welfare of nurses in their own countries. Sixty-three countries are represented in the membership.



RADM Frank B. Voris, MC, USN, Past President of the Aerospace Medical Association, made a trip to the Antarctic in January 1969.

Erratum

Dr. L. G. Lederer has served his tenure as a Member of the Residency Review Committee for Preventive Medicine and the Medical Advisory Panel to the Administrator of the Federal Aviation Agency. The May issue of *Aerospace Medicine* stated that Dr. Lederer was a member of both committees.



Brig. Gen. John M. Talbot, USAF, MC, and Mrs. Talbot shown in the receiving line.



International Delegates meet.



(Left to Right): General Harry G. Armstrong chats with Dr. and Mrs. Wright H. Langham of Los Alamos, New Mexico.

President's International Reception

Approximately 300 International Delegates and guests attended the President of the Aerospace Medical Association's Reception in the beautiful Continental Ballroom of the San Francisco Hilton Hotel, San Francisco, California, on 6 May 1969.



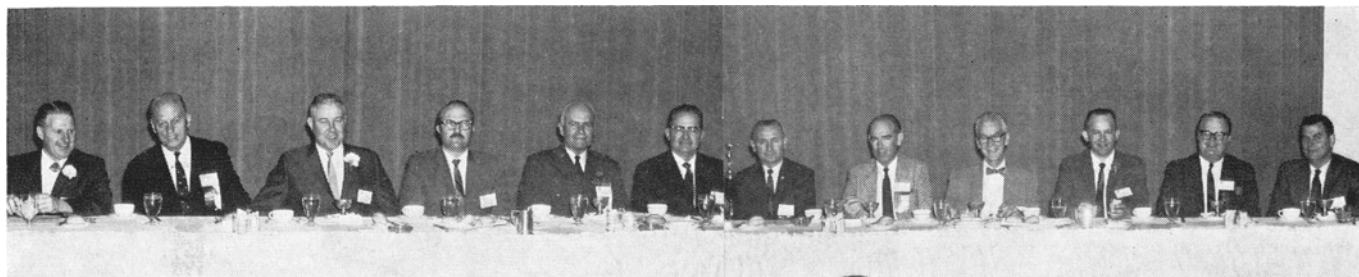
(Left to Right): Doctor Eugene G. Reinartz, Past President of the Aerospace Medical Association, Mrs. Carlos Finick-B, Mrs. Reinartz, and Dr. Carlos Finick-B.



Lt. Gen. Richard L. Bohannon, USAF, Ret., former USAF Surgeon General, Mrs. Bohannon, and International Delegates pass the receiving line.

Fifteenth Annual Civil Aviation Medicine Luncheon

Second C. D. Henry Award Given



Head Table (Left to Right): Dr. George B. McNeely; Dr. E. H. Anderson; Dr. William E. McCann; Dr. J. Robert Dille; Brig. Gen. John M. Talbot, USAF, MC; Col. John P. Stapp, USAF, MC; Dr.

Peter V. Siegel; Dr. Stanley R. Mohler; Dr. Harry D. Vickers; Dr. Guy E. Henning; Dr. William J. Gillespie; and Harold N. Brown, President elect of CAMA.

CAMA Officers Named

President—H. D. Vickers, M.D.
Little Falls, New York

President-Elect—Harold N. Brown, M.D.
Lombard, Illinois

Vice-Presidents—

Charles M. Starr, M.D.
N. Hollywood, California
James V. Betts, M.D.
Palo Alto, California
William A. Prowse, M.D.
Ottawa, Canada
G. Luis A. Amezcua, M.D.
Mexico City, Mexico
H. R. Conwell, M.D.
Huntsville, Texas

Secretary-Treasurer—Guy E. Henning, M.D.
San Antonio, Texas

The Annual Meeting, May 5th, was addressed by Dr. Peter Siegel, Federal Air Surgeon. He stated that the Aviation Medical Examiner, as a representative of the Federal Aviation Administration, is the only one who has a continuing relationship with the pilot community, and that he has a responsibility to carry out the safety and medical programs of the Agency.

The Colvern D. Henry Award was presented to William E. McCann, M.D., Olathe, Kansas, as the outstanding Aviation Medical Examiner of the year.

It was announced that the 4th CAMA Medical Symposium will be held in September 1969 at Houston, Texas. Details of the program will be sent within the next month.

Annual Report

The third CAMA Medical Symposium was held on September 26, 1968, at the USAF School of Aerospace Medicine, Brooks Air Force Base, San Antonio, Texas.

The success of the program was in great part due to President John P. Stapp and Col. Schaffer and his staff.

The active membership of CAMA now numbers 393. There are 57 unpaid and 30 Honorary members. There were 16 new members recruited, and 6 lost by attrition, a gain of 10.

The net worth of the organization at the time of the Annual Meeting was \$5,281.12, a decrease of \$199.54 in the past year.

The business of the Board of Directors Meeting held 4 May, 1969, was largely concerned with the decline in activity and stature of the organization. The Civil Aviation Medical Association should be the nucleus in the ranks of the Aviation Medical Examiners that sets the standards of physician-pilot relationships, since it is the only civilian medical organization exclusively interested in aviation medical problems that affect general aviation. However, it has become stagnant and idle, because there has been a loss of its original ideals and purposes, and because many of its activities have been surrendered to other groups.

General aviation, with its 500,000 plus pilots, its 125,000 civil aircraft, and its average 1,300 fatalities per year, is largely neglected medically. The Civil Aviation Medical Association, has, of late, not had enough vigor and strength to apply itself to these medical problems of general aviation effectively because of a dwindling and aging membership. It cannot, with only 400 members, have an effective voice in aviation safety. Many more active members, several thousand, are needed.

The Civil Aviation Medical Association cannot grow under the present restrictive requirements of membership, so a further decline in influence and activity will occur unless some changes take place.

There are several courses open to the organization: 1) continue as it is now or-

ganized as a constituent organization of the Aerospace Medical Association with a probably slow stagnation and decline; 2) form an independent society, and accept the risks of failure due to the lack of a paid management; 3) dissolve the Association (Many feel there is no longer a compelling need for an organization such as CAMA, since their functions are somewhat covered by other groups, such as the Flying Physicians, the AOPA, and the AME Seminar Programs); or 4) become an affiliate of the Aerospace Medical Association with an open membership.

The Board of Trustees, after long and painful discussion, voted unanimously to "Request the Council of the Aerospace Medical Association to temporarily assign the Civil Aviation Medical Association the status of an AFFILIATE organization under the provisions of Article 4 Section 1B of the Constitution and By-Laws; that the Civil Aviation Medical Association be allowed to continue meeting with the Aerospace Medical Association with full convention privileges, except vote, and with guest registration fees for those not members of the Aerospace Medical Association; that the John A. Tamisiea Award continue to be administered by the Aerospace Medical Association; and that the Aerospace Medical Association continue to allot space in the Journal to the Civil Aviation Medical Association."

This course of action may or may not work, but the Trustees want to give it a try on a temporary basis. The potential membership reservoir for CAMA is almost exclusively in the designated aviation medical examiners, and they want to try to attract AME's who are not members of Aerospace.

It has been pointed out that there are about 1,000 AME's in the Aerospace Medical Association who do not belong to CAMA. This is a further indication in our decline in prestige, program effectiveness, and voice in civilian aviation

medicine. CAMA wants to attract them to membership by promoting active forceful programs for the benefit of the civilian airman.

The Meeting was adjourned after Col. John P. Stapp presented the gavel of office to H. D. Vickers, M.D.



Doctor Peter V. Siegel, Federal Air Surgeon, Washington, D. C., was the guest speaker.

The Biomedical Sciences and Engineering Branch Activities at ASMA Annual Meeting



Col. John P. Stapp, USAF, MC, President of CAMA, opens the meeting.



BUSINESS MEETING: (Left to Right) Maj. William E. Mabson, USAF, BSC, Secretary-Treasurer; Sheldon L. Freud, Ph.D., President; and Col. Wallace B. Allen, USAF, BSC, former Vice-President.

Officers Named

- President**—Sheldon L. Freud, Ph.D.
Washington, D. C.
- President-Elect**—Lt. Col. Harold L. Bitter
Hq USAF Washington, D. C.
- Vice-President**—Col. Floyd M. Morris
Hq USAF Washington, D. C.
- Secretary-Treasurer**—Maj. William E. Mabson
Hq USAF Washington, D. C.



The second C. D. Henry Award was presented to William E. McCann, M.D., Olathe, Kansas, as the outstanding Aviation Medical Examiner of the year by Colonel Stapp.

The Biomedical Sciences and Engineering Branch held its fourth annual meeting on May 6, 1969. This is the first meeting since re-organization and attendance at the meeting was the largest in the history of the Branch. As of the closing day of the convention, membership was close to 150. Among the many disciplines represented were audiology, biochemistry, bioengineering, biophysics, physiology, psychology, microbiology, and optometry.

Following the business meeting and election of officers, an open discussion was

held regarding the goals, plans, and future programs of the Branch. A report was given by the President on the support offered by the organization to assist the Branch in its membership drive and plans were discussed by the Membership Committee for recruiting both ASMA members and members from other professional associations.

The following committees were established: Plans and Programs, Membership, and Nominations.

Preliminary plans were discussed for a scientific meeting following the business meeting at the 1970 convention in St. Louis.

For information concerning membership or other matters, contact:

Sheldon L. Freud, Ph.D., President
5108 26th Avenue
Washington, D.C. 20031
or
Major William E. Mabson
Hq USAF (AFMSPAP) Building T-8
Washington, D. C. 20333

6th Flight Nurse Meeting and Symposium

The annual session of the Flight Nurse Section was held during the 40th Annual Meeting of the Aerospace Medical Association at San Francisco, California, 5-8 May 1969. Attendance was outstanding. A welcome cocktail party was held on 5 May to provide members the opportunity to greet past acquaintances and meet new members attending the convention. On Tuesday afternoon, 6 May, the Flight Nurse Symposium was scheduled. Papers presented emphasized modern technology and its impact on flight nursing and included a review of therapeutic vacuum systems and equipment for aeromedical evacuation, human factor aspects of aeromedical evacuation litters, indirect inflight blood pressure measurements, development of a nurse call system for multi-mission aircraft, and a report of a medical systems analysis of aeromedical evacuation. The discussion period was lively with penetrating questions asked and discussed.

On Wednesday, 7 May, approximately 200 flight nurses and their guests had luncheon in the Continental Ballroom. Lieutenant General Kenneth E. Pletcher, Surgeon General, USAF, spoke to the nurses about medicine in 1979. Thought provoking ideas were presented to the nurses for digestion in the next year.

The Flight Nurse Section made a great stride forward during its business meeting following the luncheon on 6 May when the constitution and bylaws were ratified.

Weather during the convention was ideal. San Francisco lived up to its picturesque reputation and the flight nurses departed San Francisco with memories of a professionally stimulating meeting in a delightfully charming city.

Flight Nurse Award

The Flight Nurse Awards Committee for 1969 selected Major Helen Kopczynski, USAF, NC, as the recipient of the Flight Nurse Award presented at the 40th Annual Scientific Meeting of the Aerospace Medi-



Lt. Gen. Kenneth E. Pletcher, USAF, MC, Surgeon General, was the guest speaker at the luncheon.

cal Association.

Major Kopczynski's area of contribution was specifically in Aeromedical Evacuation, but certainly the scope of her achievement has had and will continue to effect far beyond this specialty.

A native of Brooklyn, New York, Major Kopczynski is presently assigned as the C-9 Category III Medical Test Project Officer of the 375th Aeromedical Airlift Wing (MAC).

She graduated from Kings County Hospital Center, Brooklyn, New York, in 1948, obtained her B.S. in Education in 1955 and her M.S. in 1958. Both degrees were received at St. John's University, New York.

Prior to her entry into the Air Force, she held the position of head nurse on the medical-surgical service and recovery room of a Veterans' Administration Hospital and also functioned as a Public Health Nurse in New York City.



Lt. Col. Sarah E. Beard, Chairman, Flight Nurse Section, presents the Flight Nurse award to Maj. Helen Kopczynski, USAF, NC.

Major Kopczynski accepted a direct commission in the U.S. Army Nurse Corps where she was assigned to pediatrics. She also held the position of Educational Coordinator for a practical nursing program and was the instructor for Maternal Child Health.

In February 1961, Major Kopczynski joined the Air Force Nurse Corps and attended the Flight Nurse Course at the School of Aerospace Medicine in April 1962. Her hospital assignments included Andrews AFB, Maryland, an overseas tour in Turkey, and Scott AFB Hospital, Scott AFB, Illinois. Her Air Force experience includes Charge Nurse of the Recovery Room and Supervisor of Air Force Clinics.

Major Kopczynski was assigned to the 11 AASq in September 1966. Due to her excellent nursing and education background, she progressed rapidly to flight nurse instructor and thence to examiner. She also was placed in charge of the squadron inservice training program.

With the advent of the C-9 into the Air Force inventory, it became necessary to select instructors for the medical crew training program, and Major Kopczynski's name was submitted as highly qualified to conduct the training program.

In June 1968 Major Kopczynski was transferred to the Wing Surgeon's Office as Officer in Charge of C-9 medical crew training. Upon completion of the 375 AAWg training course, she was selected to conduct the Category III Medical Test Projects for the first year of C-9 operation.

Major Kopczynski has received the following awards: Air Force Commendation



Head Table (left to right): Brig. Gen. John M. Talbot, President—Aerospace Medical Association; Lt. Col. Ada Boone—Educational Coordinator, Letterman Army Hospital; Lt. Col. Ellen Stout—Deputy Chief Nurse, USAF, NC; Lt. Gen. Kenneth E. Pletcher, Surgeon Gen-

eral, USAF; Lt. Col. Sarah E. Beard, Chairman, Flight Nurse Section; Col. Dorothy Zeller, Past Chief Nurse, USAF, NC; CDR Gloria J. Stipe, Acting Chief Nurse, Naval Hospital, Oakland, California; and Mr. George C. Gilman, Douglas Aircraft Company.

Medal, Air Force Longevity Service Award, and National Defense Service Medal.



Capt. Ralph W. Tremble, USAF, BSC, gives paper on "Human Factors Aspects of Aero-medical Evacuation Lifters." Also shown in the photo are the Program Chairmen, Col. Virginia M. Alena and Capt. Maureen A. Hunt.



Lt. Col. Sarah E. Beard introduces Brig. Gen. John M. Talbot, President of the Aerospace Medical Association, who gave the Welcoming Address to the Nurses attending the luncheon.

Officers Named

President—Thomas H. Allen, Ph.D.
San Antonio, Texas

President-Elect—Richard W. Bancroft, Ph.D.

San Antonio, Texas

Secretary—Mr. Ray Whitten
Rockville, Maryland

The fourth annual meeting of the Aerospace Physiologist Section was held in the Rosewood Suite, San Francisco Hilton Hotel, San Francisco, California, at 2:30 p.m., 6 May 1969.



Dr. Allen presents Dr. Ames with plaque in behalf of the Section for his outstanding work during year as President.



Dr. Ames presents Paul Bert Research Award to Dr. Richard W. Bancroft.



CDR Reeves presents the Paul Bert Award to Dr. Ames.

Meeting of the Aerospace Physiologist Section



Guest Speaker: Dr. Charles A. Berry, President, Aerospace Medical Association.

Dr. Charles A. Berry, Director of Medical Research and Operations, National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, was the guest speaker. Dr. Berry's address was on the physiological aspects of manned space flight. His interesting presentation, of one hour, was highlighted by slides depicting some of the applied physiological techniques used during Gemini and Apollo missions. Physiological changes resulting in red cell mass loss, cardiovascular deconditioning, loss of exercise capacity, loss of bone density, etc., were summarized. Dr. Berry concluded his presentation with a short film taken during the Apollo mission.

Following Dr. Berry's presentation, Dr. Smith W. Ames, President, conducted the annual business meeting, which was attended by 88 of the 140 active members. During the business meeting, Dr. Sidney D. Leverett (Chairman of the Awards Committee) reported that the Executive

Council had approved the Paul Bert Award Program for the Section. After explaining the requirements for the Paul Bert Award for Research in Aerospace Physiology and the Paul Bert Award for Outstanding Proficiency in Operational Aerospace Physiology, Dr. Leverett presented the first Paul Bert Award for Operational Aerospace Physiology to Dr. Smith W. Ames; Dr. Ames then presented the Research Award to Dr. Richard W. Bancroft.

The following officers were elected for the coming year: Dr. Richard W. Bancroft, Vice President; Cdr. Elizabeth Reeves, four year term Board of Governors; Dr. Sidney Leverett and Maj. William E. Overacher, one year term Board of Governors.

Dr. Smith W. Ames then passed the Section's gavel to Dr. Thomas H. Allen, President for the next year, thereby relinquishing his duties. After accepting the gavel Dr. Allen presented Dr. Ames with a mounted gavel on an engraved plaque as token of the section's appreciation for his outstanding service and leadership given to the Section during the past year.

Dr. Allen appointed members to his committees and adjourned the meeting at 5:30 p.m.



(Left to Right): Maj. R. A. Lucchesi, USAF, BSC, Bibliographer, Dr. Smith W. Ames, outgoing President, and Mr. Ray Whitten, Secretary-Treasurer.